

Body Worn Camera & Digital Evidence Management System Recommendation Executive Summary

Background

- Body worn cameras
 - o Video of incidents involving public safety personnel often misses key events.
 - o This causes the opportunity for misinterpretation of facts of the situation.
 - o Body worn cameras as a public safety tool helps fill this critical gap.
- Digital Evidence Management Systems
 - o Consolidated location for the storage of all types of digital evidence.
 - o Security of having digital evidence saved via redundant backups.
 - Storing digital media on CD/DVDs has a shelf life causing the potential for evidence to “disappear” from the media stored.
 - o Single hierarchy of access with logging capabilities for tracking purposes.
 - o Ability to give District Attorneys access for pre-trial viewing and copying.

Analysis

- Steps taken:
 - o May-June 2013 – Market research and vendor selection
 - o July-September 2013 – 8 week trial conducted with 12 officers
 - o September 30, 2013 – End-User debrief of officers involved in trial.
 - o October 2013 – Results of trial and debrief shared with PSTC for recommendation.
 - o November – December 2013 – compiling of 5 year cost model.
 - o January 2014 – First draft of body worn camera policy developed
 - o May 2014 - Recommendation memo complete

Testing Summarization

- Four cameras tested
 - o Taser Axon Flex
 - o VieVu
 - o MPH – Muvi
 - o Wolfcom 3rd Eye

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- Two Digital Evidence Management Systems tested
 - o Taser Evidence.com
 - o Verpic DEM
- Testing outcome
 - o By Surveys completed, Taser Axon and VieVu were the strongest contenders rated either #1 or #2 in all categories except one.
 - o By End-user debrief, Taser Axon confirmed as the preferred camera.
 - o Evidence.com outperformed Verpic DEM in every measured category.

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Recommendation

- Taser Axon Flex with optional variable mount kit.
- Taser Evidence.com Digital Management System
- Smartphone/Mini Tablet device for integration (via Taser or direct 3rd party)

Unique Strengths of Taser & Evidence.com package (Sole source justification)

- Pre-Record Buffer – captures and maintains 30 seconds of video prior to pressing the record button. Gets us that missing piece of the story that is often missing from the headlines.
- Flexible Application – adaptable for a variety of police functions.
 - o Multiple mounting options
 - o Ability to record video, still photos & normal audio files
 - o Seamless integration with handheld device
- Cost/Time Savings
 - o Ability to categorize files captured at the time of capture (of anytime thereafter).
 - o Docking station – drop off the device and walk away.
 - Files have already been tagged and categorized via handheld device

Cost Analysis

- Start up and five year cost models developed.
- Included assumptions: Repair needs, total number of users accessing the systems & data storage costs.
- Estimated Total Start-up Costs for Taser Axon Flex, with options & Evidence.com, \$308,451.
- Estimated Total 5 year Costs (including start-up & 1 replacement of all units at year 2.5) \$781,014.
- Evidence.com is a “cloud based” storage system.

Installation Timeline

We have drafted two options for rolling out the cameras, a partial rollout and a full rollout. The reasoning behind the two is due to the need for critical infrastructure upgrades at the Police Department’s computer network. These upgrades are tentatively scheduled for July 2014 contingent on the awarding of CIP funds.

- Partial Rollout

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- o May 2014 - 25 cameras, 25 Evidence.com accounts, 5 upload stations.
 - o June 2014 - User training and upload station installation.
 - o July 2014 - 25 cameras, 25 Evidence.com accounts, 5 upload stations.
 - o Aug 2014 - User training and upload station installation. CIP funds distributed and high capacity switches ordered.
 - o Aug 2014 - High capacity switches installed at PD by IT.
 - o Sep 2014 - Data room built on first floor of PD.
 - o Sep 2014 - 25 cameras, 25 Evidence.com accounts, 5 upload stations.
 - o Oct 2014 - User training and upload station installation.
 - o Oct 2014 - Purchase remaining 75 cameras, 125 Evidence.com accounts and 10 upload stations.
 - o Nov 2014 - Centralize all 25 data upload stations to first floor PD data room. Complete distribution of remaining 75 cameras and training for personnel.
- Full Rollout
 - o July 2014 - CIP funds distributed and high capacity switches ordered.
 - o Aug 2014 - high capacity switches installed at PD by IT.
 - o Sept 2014 - Data room built on first floor of PD.
 - o Oct 2014 - Purchase 150 camera systems, 200 Evidence.com accounts and 25 upload stations.
 - o Nov 2014 - Install 25 Upload stations in data room. Distribute all 150 cameras and train all users.